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1921

REMOTE STORAGE

TABLES

DES QUANTITÉS BESSÉLIENNES

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1921

CALCULÉES POUR 0^h TEMPS SIDÉRAL DE POULKOVO.

PETROGRAD.
IMPRIMERIE DE L'ACADÉMIE DES SCIENCES.
(V. O., 9e ligne, № 12).
1921.

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A. Ivanoff Directeur.

Févr. 1921.

1921

	log A	log B	log C	log D	C	τ
Janv. 0	9.2986	0.9152	0.4996n	1.3049	—3″.160	—0.0007
1	9.3026	0.9159	0.5425n	1.3035	—3.487	+0.0020
2	9.3074	0.9172	0.5814n	1.3020	—3.814	+0.0047
3	9.3135	0.9188	0.6170n	1.3003	—4.140	0.0075
4	9.3209	0.9202	0.6498n	1.2985	—4.464	0.0102
5	9.3291	0.9212	0.6801n	1.2965	—4.787	0.0129
6	9.3378	0.9216	0.7083n	1.2944	—5.109	0.0157
7	9.3464	0.9213	0.7347n	1.2922	—5.429	0.0184
8	9.3546	0.9204	0.7594n	1.2898	—5.747	0.0211
9	9.3622	0.9190	0.7827n	1.2872	—6.063	0.0239
10	9.3688	0.9173	0.8047n	1.2845	—6.378	0.0266
11	9.3743	0.9154	0.8254n	1.2816	—6.690	0.0293
12	9.3789	0.9134	0.8452n	1.2786		0.0320
13	9.3825	0.9117	0.8638n	1.2755		0.0348
14	9.3854	0.9106	0.8816n	1.2721		0.0375
15	9.3879	0.9102	0.8986n	1.2686		0.0402
16	9.3909	0.9105	0.9147n	1.2650		0.0430
17	9.3946	0.9115	0.9302n	1.2611		0.0457
18	9.3996	0.9129	0.9450n	1.2571		0.0484
19	9.4062	0.9141	0.9592n	1.2530		0.0512
20	9.4140	0.9147	0.9728n	1.2486		0.0539
21	9.4225	0.9145	0.9858n	1.2441		0.0566
22	9.4306	0.9131	0.9984n	1.2393		0.0593
23	9.4379	0.9108	1.0104n	1.2344		0.0621
24	9.4437	0.9080	1.0220n	1.2294		0.0648
25	9.4479	0.9053	1.0332n	1.2241		0.0675
26	9.4507	0.9030	1.0439n	1.2186		0.0703
27	9.4526	0.9016	1.0542n	1.2129		0.0730
28	9.4543	0.9012	1.0642n	1.2069		0.0757
29	9.4565	0.9017	1.0738n	1.2008		0.0785
30	9.4595	0.9027	1.0831n	1.1944		0.0812
31	9.4635	0.9037	1.0920n	1.1879		0.0839
Févr. 1	9.4682	0.9044	1.1006n	1.1810		0.0867
2	9.4734	0.9046	1.1089n	1.1740		0.0894
3	9.4787	0.9040	1.1170n	1.1667		0.0921
4	9.4838	0.9028	1.1247n	1.1590		0.0948
5	9.4885	0.9010	1.1322n	1.1512		0.0976
6	9.4926	0.8989	1.1394n	1.1431		0.1003
7	9.4959	0.8965	1.1464n	1.1346		0.1030
8	9.4985	0.8941	1.1531n	1.1259		0.1058
9	9.5004	0.8919	1.1596n	1.1169		0.1085
10	9.5017	0.8902	1.1658n	1.1075		0.1112
11	9.5026	0.8893	1.1718n	1.0978		0.1140
12	9.5036	0.8891	1.1776n	1.0877		0.1167
13	9.5049	0.8896	1.1832n	1.0773		0.1194
14	9.5072	0.8907	1.1886n	1.0665		0.1221
15	9.5106	0.8919	1.1938n	1.0552		0.1249
16	9.5150	0.8928	1.1988n	1.0436		0.1276

Janv. 1 $E = +0^s.002$. Févr. 1 $E = +0^s.002$.

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	log A	log B	log C	log D	D	τ
Févr. 15	9.5106	0.8919	1.1938n	1.0552		+0.1249
16	9.5150	0.8927	1.1988n	1.0436		0.1276
17	9.5202	0.8928	1.2036n	1.0314		0.1303
18	9.5255	0.8919	1.2082n	1.0188		0.1331
19	9.5305	0.8900	1.2126n	1.0057		0.1358
20	9.5345	0.8874	1.2169n	0.9921		0.1385
21	9.5374	0.8845	1.2210n	0.9779		0.1413
22	9.5391	0.8820	1.2249n	0.9630		0.1440
23	9.5399	0.8802	1.2286n	0.9476		0.1467
24	9.5404	0.8796	1.2322n	0.9314		0.1495
25	9.5410	0.8799	1.2356n	0.9144		0.1522
26	9.5421	0.8810	1.2388n	0.8966		0.1549
27	9.5441	0.8825	1.2419n	0.8780		0.1576
28	9.5468	0.8838	1.2449n	0.8584		0.1604
Mars 1	9.5501	0.8847	1.2476n	0.8377	+6″.882	0.1631
2	9.5537	0.8849	1.2503n	0.8158	+6.544	0.1658
3	9.5573	0.8843	1.2528n	0.7927	+6.205	0.1686
4	9.5605	0.8832	1.2551n	0.7682	+5.863	0.1713
5	9.5633	0.8815	1.2573n	0.7420	+5.521	0.1740
6	9.5655	0.8795	1.2594n	0.7141	+5.176	0.1768
7	9.5671	0.8776	1.2612n	0.6840	+4.831	0.1795
8	9.5681	0.8759	1.2630n	0.6516	+4.484	0.1822
9	9.5686	0.8746	1.2646n	0.6165	+4.135	0.1849
10	9.5687	0.8740	1.2661n	0.5782	+3.786	0.1877
11	9.5688	0.8742	1.2675n	0.5360	+3.436	0.1904
12	9.5692	0.8752	1.2687n	0.4892	+3.085	0.1931
13	9.5703	0.8769	1.2698n	0.4366	+2.733	0.1959
14	9.5721	0.8789	1.2707n	0.3767	+2.381	0.1986
15	9.5749	0.8807	1.2715n	0.3070	+2.028	0.2013
16	9.5785	0.8819	1.2722n	0.2238	+1.674	0.2041
17	9.5824	0.8822	1.2728n	0.1209	+1.321	0.2068
18	9.5862	0.8815	1.2732n	9.9855	+0.967	0.2095
19	9.5896	0.8800	1.2735n	9.7877	+0.613	0.2122
20	9.5919	0.8780	1.2737n	9.4142	+0.260	0.2150
21	9.5933	0.8763	1.2737n	8.9735n	−0.094	0.2177
22	9.5939	0.8751	1.2736n	9.6507n	−0.447	0.2204
	9.5940	0.8748	1.2734n	9.9033n	−0.800	0.2232
23	9.5941	0.8757	1.2730n	0.0618n	−1.153	0.2259
24	9.5946	0.8775	1.2725n	0.1776n	−1.505	0.2286
25	9.5957	0.8798	1.2719n	0.2687n	−1.856	0.2314
26	9.5976	0.8822	1.2712n	0.3438n	−2.207	0.2341
27	9.6001	0.8843	1.2703n	0.4077n	−2.557	0.2368
28	9.6031	0.8858	1.2693n	0.4633n	−2.906	0.2395
29	9.6062	0.8866	1.2681n	0.5124n	−3.254	0.2423
30	9.6092	0.8867	1.2669n	0.5564n	−3.600	0.2450
31	9.6119	0.8861	1.2655n	0.5961n	−3.946	0.2477
32	9.6140	0.8853	1.2639n	0.6325n	−4.290	0.2505

Mars 1 $E = +0^s.002$. Avril 1 $E = +0^s.001$.

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		log A	log B	log C	log D	D	τ
Avril	0	9.6119	0.8861	1.2655n	0.5961n	—3″.946	+0.2477
	1	9.6140	0.8853	1.2639n	0.6325n	—4.290	0.2505
	2	9.6156	0.8842	1.2623n	0.6658n	—4.633	0.2532
	3	9.6167	0.8834	1.2605n	0.6967n	—4.974	0.2559
	4	9.6173	0.8829	1.2585n	0.7254n	—5.314	0.2587
	5	9.6175	0.8830	1.2565n	0.7522n	—5.651	0.2614
	6	9.6177	0.8839	1.2543n	0.7772n	—5.987	0.2641
	7	9.6180	0.8856	1.2519n	0.8008n	—6.321	0.2669
	8	9.6189	0.8880	1.2494n	0.8230n	—6.653	0.2696
	9	9.6205	0.8909	1.2468n	0.8440n		0.2723
	10	9.6229	0.8936	1.2441n	0.8640n		0.2751
	11	9.6261	0.8959	1.2412n	0.8829n		0.2778
	12	9.6298	0.8975	1.2381n	0.9008n		0.2805
	13	9.6335	0.8980	1.2349n	0.9180n		0.2832
	14	9.6369	0.8977	1.2316n	0.9344n		0.2860
	15	9.6396	0.8969	1.2281n	0.9500n		0.2887
	16	9.6414	0.8959	1.2244n	0.9649n		0.2914
	17	9.6425	0.8954	1.2206n	0.9792n		0.2942
	18	9.6430	0.8956	1.2166n	0.9930n		0.2969
	19	9.6435	0.8968	1.2125n	1.0062n		0.2996
	20	9.6441	0.8989	1.2082n	1.0188n		0.3024
	21	9.6453	0.9017	1.2038n	1.0310n		0.3051
	22	9.6472	0.9047	1.1991n	1.0428n		0.3078
	23	9.6497	0.9075	1.1943n	1.0540n		0.3106
	24	9.6527	0.9098	1.1894n	1.0649n		0.3133
	25	9.6559	0.9115	1.1842n	1.0754n		0.3160
	26	9.6591	0.9125	1.1789n	1.0855n		0.3187
	27	9.6622	0.9128	1.1733n	1.0953n		0.3215
	28	9.6649	0.9127	1.1676n	1.1047n		0.3242
	29	9.6671	0.9124	1.1617n	1.1138n		0.3269
	30	9.6688	0.9120	1.1555n	1.1225n		0.3297
Mai	1	9.6701	0.9118	1.1492n	1.1310n		0.3324
	2	9.6709	0.9121	1.1427n	1.1392n		0.3351
	3	9.6716	0.9130	1.1359n	1.1471n		0.3379
	4	9.6725	0.9147	1.1289n	1.1548n		0.3406
	5	9.6736	0.9172	1.1216n	1.1622n		0.3433
	6	9.6754	0.9201	1.1141n	1.1693n		0.3460
	7	9.6780	0.9231	1.1064n	1.1762n		0.3488
	8	9.6813	0.9258	1.0983n	1.1829n		0.3515
	9	9.6851	0.9278	1.0901n	1.1893n		0.3542
	10	9.6891	0.9289	1.0815n	1.1956n		0.3570
	11	9.6929	0.9291	1.0726n	1.2016n		0.3597
	12	9.6962	0.9286	1.0635n	1.2074n		0.3624
	13	9.6987	0.9278	1.0540n	1.2130n		0.3652
	14	9.7005	0.9272	1.0442n	1.2184n		0.3679
	15	9.7017	0.9273	1.0340n	1.2236n		0.3706
	16	9.7027	0.9281	1.0235n	1.2287n		0.3734

Avril 1 $E = +0^s.001$. Mai 1 $E = +0^s.001$.

1921

		log A	log B	log C	log D	C	τ
Mai	15	9.7017	0.9273	1.0340n	1.2236n		+0.3706
	16	9.7027	0.9281	1.0235n	1.2287n		0.3734
	17	9.7037	0.9298	1.0126n	1.2335n		0.3761
	18	9.7052	0.9321	1.0013n	1.2382n		0.3788
	19	9.7071	0.9348	0.9896n	1.2427n		0.3815
	20	9.7097	0.9374	0.9774n	1.2470n		0.3843
	21	9.7128	0.9397	0.9647n	1.2512n		0.3870
	22	9.7161	0.9414	0.9516n	1.2552n		0.3897
	23	9.7195	0.9424	0.9379n	1.2591n		0.3925
	24	9.7228	0.9429	0.9237n	1.2628n		0.3952
	25	9.7259	0.9428	0.9088n	1.2663n		0.3979
	26	9.7286	0.9423	0.8934n	1.2697n		0.4007
	27	9.7308	0.9417	0.8772n	1.2730n		0.4034
	28	9.7326	0.9412	0.8602n	1.2761n		0.4061
	29	9.7340	0.9410	0.8425n	1.2790n		0.4088
	30	9.7352	0.9412	0.8239n	1.2819n	—6″.666	0.4116
	31	9.7363	0.9422	0.8043n	1.2846n	—6.372	0.4143
Juin	1	9.7376	0.9438	0.7837n	1.2871n	—6.077	0.4170
	2	9.7394	0.9460	0.7619n	1.2895n	—5.780	0.4198
	3	9.7418	0.9484	0.7389n	1.2918n	—5.481	0.4225
	4	9.7450	0.9507	0.7144n	1.2939n	—5.181	0.4252
	5	9.7486	0.9525	0.6884n	1.2959n	—4.880	0.4280
	6	9.7526	0.9535	0.6606n	1.2978n	—4.577	0.4307
	7	9.7565	0.9535	0.6307n	1.2996n	—4.273	0.4334
	8	9.7601	0.9527	0.5986n	1.3012n	—3.968	0.4362
	9	9.7630	0.9515	0.5637n	1.3027n	—3.662	0.4389
	10	9.7652	0.9502	0.5257n	1.3041n	—3.355	0.4416
	11	9.7668	0.9494	0.4839n	1.3053n	—3.047	0.4443
	12	9.7681	0.9493	0.4375n	1.3064n	—2.739	0.4471
	13	9.7692	0.9501	0.3855n	1.3074n	—2.429	0.4498
	14	9.7706	0.9515	0.3262n	1.3083n	—2.120	0.4525
	15	9.7724	0.9534	0.2575n	1.3091n	—1.809	0.4553
	16	9.7747	0.9553	0.1756n	1.3097n	—1.498	0.4580
	17	9.7775	0.9570	0.0746n	1.3102n	—1.187	0.4607
	18	9.7805	0.9581	9.9425n	1.3106n	—0.876	0.4634
	19	9.7837	0.9586	9.7515n	1.3109n	—0.564	0.4662
	20	9.7868	0.9585	9.4025n	1.3111n	—0.253	0.4689
	21	9.7897	0.9580	8.7710	1.3111n	+0.059	0.4716
	22	9.7924	0.9570	9.5691	1.3110n	+0.371	0.4744
	23	9.7946	0.9558	9.8340	1.3108n	+0.682	0.4771
	24	9.7965	0.9545	9.9972	1.3105n	+0.994	0.4798
	25	9.7980	0.9534	0.1155	1.3101n	+1.304	0.4826
	26	9.7992	0.9527	0.2083	1.3095n	+1.615	0.4853
	27	9.8003	0.9526	0.2846	1.3088n	+1.926	0.4880
	28	9.8014	0.9531	0.3494	1.3080n	+2.235	0.4908
	29	9.8028	0.9542	0.4056	1.3071n	+2.545	0.4935
	30	9.8046	0.9557	0.4553	1.3060n	+2.853	0.4962
	31	9.8071	0.9573	0.4998	1.3049n	+3.161	0.4989

Juin 1 $E = +0^s.001$. Juill. 1 $E = +0^s.001$.

1921

		log A	log B	log C	log D	C	τ
Juill.	0	9.8046	0.9557	0.4553	1.3060n	+2″.853	+0.4962
	1	9.8071	0.9573	0.4998	1.3049n	+3.161	0.4989
	2	9.8100	0.9586	0.5400	1.3036n	+3.468	0.5017
	3	9.8135	0.9592	0.5768	1.3022n	+3.773	0.5044
	4	9.8170	0.9588	0.6105	1.3006n	+4.078	0.5071
	5	9.8203	0.9576	0.6417	1.2990n	+4.382	0.5099
	6	9.8231	0.9558	0.6707	1.2972n	+4.685	0.5126
	7	9.8253	0.9536	0.6977	1.2952n	+4.985	0.5153
	8	9.8270	0.9518	0.7231	1.2932n	+5.286	0.5181
	9	9.8281	0.9505	0.7470	1.2910n	+5.584	0.5208
	10	9.8290	0.9501	0.7694	1.2887n	+5.881	0.5235
	11	9.8301	0.9506	0.7907	1.2863n	+6.176	0.5262
	12	9.8314	0.9516	0.8109	1.2837n	+6.470	0.5290
	13	9.8331	0.9529	0.8300	1.2810n	+6.761	0.5317
	14	9.8353	0.9539	0.8483	1.2781n		0.5344
	15	9.8377	0.9546	0.8656	1.2751n		0.5372
	16	9.8403	0.9546	0.8822	1.2720n		0.5399
	17	9.8429	0.9540	0.8981	1.2687n		0.5426
	18	9.8453	0.9528	0.9133	1.2653n		0.5454
	19	9.8475	0.9513	0.9279	1.2617n		0.5481
	20	9.8493	0.9495	0.9419	1.2580n		0.5508
	21	9.8508	0.9475	0.9553	1.2541n		0.5536
	22	9.8521	0.9457	0.9682	1.2501n		0.5563
	23	9.8530	0.9442	0.9807	1.2459n		0.5590
	24	9.8538	0.9431	0.9926	1.2416n		0.5618
	25	9.8545	0.9427	1.0042	1.2370n		0.5645
	26	9.8553	0.9429	1.0153	1.2323n		0.5672
	27	9.8564	0.9437	1.0260	1.2275n		0.5700
	28	9.8579	0.9447	1.0364	1.2224n		0.5727
	29	9.8600	0.9457	1.0464	1.2172n		0.5754
	30	9.8625	0.9461	1.0560	1.2118n		0.5781
	31	9.8652	0.9457	1.0654	1.2062n		0.5809
Août	1	9.8680	0.9443	1.0744	1.2004n		0.5836
	2	9.8704	0.9422	1.0831	1.1944n		0.5863
	3	9.8723	0.9395	1.0916	1.1882n		0.5891
	4	9.8737	0.9369	1.0998	1.1817n		0.5918
	5	9.8745	0.9348	1.1076	1.1751n		0.5945
	6	9.8751	0.9336	1.1153	1.1682n		0.5972
	7	9.8756	0.9333	1.1227	1.1611n		0.6000
	8	9.8763	0.9338	1.1298	1.1538n		0.6027
	9	9.8774	0.9347	1.1367	1.1461n		0.6054
	10	9.8788	0.9357	1.1434	1.1383n		0.6082
	11	9.8806	0.9364	1.1499	1.1301n		0.6109
	12	9.8826	0.9364	1.1561	1.1217n		0.6136
	13	9.8846	0.9358	1.1622	1.1130n		0.6164
	14	9.8864	0.9344	1.1680	1.1040n		0.6191
	15	9.8881	0.9327	1.1737	1.0947n		0.6218
	16	9.8894	0.9306	1.1792	1.0850n		0.6245

Juill. 1 $E = +0^s.001$. Août 1 $E = +0^s.001$.

1921

	log A	log B	log C	log D	D	τ
Août 15	9.8881	0.9327	1.1737	1.0947n		+0.6218
16	9.8894	0.9306	1.1792	1.0850n		0.6245
17	9.8905	0.9285	1.1844	1.0750n		0.6273
18	9.8913	0.9265	1.1895	1.0646n		0.6300
19	9.8918	0.9248	1.1944	1.0538n		0.6327
20	9.8922	0.9235	1.1992	1.0427n		0.6355
21	9.8924	0.9227	1.2038	1.0311n		0.6382
22	9.8928	0.9227	1.2081	1.0190n		0.6409
23	9.8932	0.9233	1.2124	1.0065n		0.6437
24	9.8941	0.9242	1.2165	0.9935n		0.6464
25	9.8953	0.9253	1.2204	0.9799n		0.6491
26	9.8970	0.9261	1.2242	0.9658n		0.6519
27	9.8989	0.9262	1.2278	0.9511n		0.6546
28	9.9010	0.9254	1.2313	0.9357n		0.6573
29	9.9030	0.9237	1.2346	0.9196n		0.6601
30	9.9046	0.9214	1.2378	0.9028n		0.6628
31	9.9057	0.9188	1.2408	0.8851n		0.6655
Sept. 1	9.9063	0.9166	1.2437	0.8665n		0.6682
2	9.9066	0.9152	1.2464	0.8470n		0.6710
3	9.9067	0.9147	1.2490	0.8264n	—6.705	0.6737
4	9.9069	0.9152	1.2515	0.8047n	—6.378	0.6764
5	9.9074	0.9164	1.2539	0.7816n	—6.048	0.6792
6	9.9083	0.9179	1.2561	0.7572n	—5.717	0.6819
7	9.9095	0.9193	1.2581	0.7311n	—5.384	0.6846
8	9.9110	0.9201	1.2601	0.7032n	—5.049	0.6874
9	9.9126	0.9203	1.2619	0.6733n	—4.713	0.6901
10	9.9142	0.9197	1.2635	0.6410n	—4.375	0.6928
11	9.9155	0.9185	1.2651	0.6059n	—4.036	0.6956
12	9.9166	0.9170	1.2665	0.5676n	—3.695	0.6983
13	9.9174	0.9153	1.2678	0.5255n	—3.353	0.7010
14	9.9180	0.9137	1.2689	0.4786n	—3.010	0.7037
15	9.9183	0.9124	1.2700	0.4260n	—2.667	0.7065
16	9.9184	0.9116	1.2709	0.3658n	—2.322	0.7092
17	9.9184	0.9113	1.2717	0.2958n	—1.976	0.7119
18	9.9184	0.9117	1.2723	0.2120n	—1.629	0.7147
19	9.9186	0.9128	1.2728	0.1080n	—1.282	0.7174
20	9.9191	0.9144	1.2732	9.9706n	—0.934	0.7201
21	9.9199	0.9161	1.2735	9.7680n	—0.586	0.7229
22	9.9211	0.9178	1.2737	9.3758n	—0.238	0.7256
23	9.9227	0.9189	1.2737	9.0465	+0.111	0.7283
24	9.9243	0.9193	1.2736	9.6632	+0.460	0.7310
25	9.9260	0.9187	1.2734	9.9083	+0.810	0.7338
26	9.9275	0.9174	1.2730	0.0640	+1.159	0.7365
27	9.9286	0.9158	1.2725	0.1784	+1.508	0.7392
28	9.9292	0.9143	1.2719	0.2688	+1.857	0.7420
29	9.9295	0.9133	1.2712	0.3435	+2.205	0.7447
30	9.9296	0.9132	1.2703	0.4071	+2.553	0.7474
31	9.9296	0.9142	1.2693	0.4626	+2.901	0.7502

Sept. 1 $E = +0^s.001$. Oct. 1 $E = +0^s.001$.

1921

		log A	log B	log C	log D	D	τ
Oct.	0	9.9296	0.9132	1.2703	0.4071	+2″.553	+0.7474
	1	9.9296	0.9142	1.2693	0.4626	+2.901	0.7502
	2	9.9299	0.9160	1.2682	0.5116	+3.248	0.7529
	3	9.9305	0.9182	1.2669	0.5556	+3.594	0.7556
	4	9.9315	0.9206	1.2655	0.5954	+3.939	0.7583
	5	9.9328	0.9226	1.2640	0.6318	+4.284	0.7611
	6	9.9343	0.9239	1.2623	0.6653	+4.627	0.7638
	7	9.9359	0.9246	1.2605	0.6962	+4.969	0.7665
	8	9.9373	0.9245	1.2586	0.7250	+5.310	0.7693
	9	9.9385	0.9240	1.2565	0.7520	+5.649	0.7720
	10	9.9395	0.9232	1.2543	0.7772	+5.986	0.7747
	11	9.9401	0.9224	1.2519	0.8009	+6.323	0.7775
	12	9.9406	0.9219	1.2494	0.8233	+6.657	0.7802
	13	9.9408	0.9217	1.2468	0.8445		0.7829
	14	9.9409	0.9221	1.2440	0.8646		0.7856
	15	9.9410	0.9231	1.2410	0.8836		0.7884
	16	9.9413	0.9248	1.2379	0.9018		0.7911
	17	9.9418	0.9271	1.2347	0.9191		0.7938
	18	9.9426	0.9296	1.2313	0.9356		0.7966
	19	9.9438	0.9320	1.2277	0.9515		0.7993
	20	9.9453	0.9341	1.2240	0.9666		0.8020
	21	9.9471	0.9355	1.2201	0.9811		0.8048
	22	9.9489	0.9361	1.2160	0.9951		0.8075
	23	9.9505	0.9359	1.2118	1.0084		0.8102
	24	9.9519	0.9352	1.2074	1.0213		0.8129
	25	9.9528	0.9344	1.2028	1.0337		0.8157
	26	9.9534	0.9339	1.1980	1.0456		0.8184
	27	9.9538	0.9342	1.1930	1.0570		0.8212
	28	9.9541	0.9354	1.1878	1.0681		0.8239
	29	9.9545	0.9374	1.1825	1.0787		0.8266
	30	9.9552	0.9400	1.1769	1.0890		0.8293
	31	9.9562	0.9428	1.1712	1.0989		0.8321
Nov.	1	9.9577	0.9454	1.1652	1.1085		0.8348
	2	9.9593	0.9475	1.1590	1.1177		0.8375
	3	9.9611	0.9490	1.1525	1.1267		0.8403
	4	9.9628	0.9497	1.1458	1.1353		0.8430
	5	9.9644	0.9499	1.1389	1.1436		0.8457
	6	9.9658	0.9497	1.1318	1.1516		0.8485
	7	9.9669	0.9493	1.1244	1.1594		0.8512
	8	9.9678	0.9490	1.1167	1.1669		0.8539
	9	9.9683	0.9491	1.1087	1.1742		0.8566
	10	9.9689	0.9495	1.1005	1.1812		0.8594
	11	9.9693	0.9506	1.0919	1.1879		0.8621
	12	9.9698	0.9522	1.0830	1.1944		0.8648
	13	9.9705	0.9544	1.0739	1.2008		0.8676
	14	9.9716	0.9569	1.0643	1.2068		0.8703
	15	9.9730	0.9595	1.0545	1.2127		0.8730
	16	9.9747	0.9618	1.0442	1.2184		+0.8758

Oct. 1 $E = +0^s.001$. Nov. 1 $E = +0^s.001$.

1921

		log A	log B	log C	log D	C	τ
Nov.	15	9.9730	0.9595	1.0545	1.2127		+0.8730
	16	9.9747	0.9618	1.0442	1.2184		0.8758
	17	9.9767	0.9635	1.0336	1.2238		0.8785
	18	9.9788	0.9645	1.0225	1.2291		0.8812
	19	9.9808	0.9645	1.0111	1.2342		0.8839
	20	9.9826	0.9641	0.9991	1.2391		0.8867
	21	9.9840	0.9634	0.9867	1.2438		0.8894
	22	9.9850	0.9628	0.9738	1.2483		0.8921
	23	9.9858	0.9627	0.9603	1.2526		0.8949
	24	9.9864	0.9634	0.9463	1.2568		0.8976
	25	9.9871	0.9649	0.9316	1.2608		0.9003
	26	9.9880	0.9670	0.9163	1.2646		0.9031
	27	9.9891	0.9694	0.9003	1.2682		0.9058
	28	9.9907	0.9717	0.8835	1.2718		0.9085
	29	9.9925	0.9737	0.8659	1.2751		0.9112
	30	9.9944	0.9750	0.8474	1.2783		0.9140
Déc.	1	9.9964	0.9757	0.8279	1.2813	+6″729	0.9167
	2	9.9983	0.9758	0.8074	1.2842	+6.418	0.9194
	3	0.0000	0.9755	0.7857	1.2869	+6.105	0.9222
	4	0.0014	0.9748	0.7627	1.2894	+5.791	0.9249
	5	0.0027	0.9741	0.7383	1.2918	+5.474	0.9276
	6	0.0037	0.9736	0.7123	1.2941	+5.156	0.9304
	7	0.0045	0.9734	0.6845	1.2962	+4.836	0.9331
	8	0.0052	0.9736	0.6546	1.2982	+4.514	0.9358
	9	0.0059	0.9745	0.6223	1.3000	+4.191	0.9386
	10	0.0068	0.9758	0.5873	1.3017	+3.867	0.9413
	11	0.0079	0.9776	0.5491	1.3033	+3.541	0.9440
	12	0.0093	0.9795	0.5070	1.3047	+3.214	0.9467
	13	0.0110	0.9813	0.4603	1.3059	+2.886	0.9495
	14	0.0131	0.9827	0.4078	1.3071	+2.557	0.9522
	15	0.0153	0.9832	0.3478	1.3080	+2.227	0.9549
	16	0.0174	0.9830	0.2780	1.3089	+1.897	0.9577
	17	0.0194	0.9821	0.1947	1.3096	+1.566	0.9604
	18	0.0211	0.9807	0.0913	1.3102	+1.234	0.9631
	19	0.0224	0.9793	9.9551	1.3106	+0.902	0.9659
	20	0.0234	0.9782	9.7553	1.3109	+0.569	0.9686
	21	0.0241	0.9779	9.3736	1.3111	+0.236	0.9713
	22	0.0249	0.9783	8.9846*n*	1.3111	−0.097	0.9740
	23	0.0258	0.9794	9.6330*n*	1.3110	−0.430	0.9768
	24	0.0269	0.9809	9.8822*n*	1.3108	−0.762	0.9795
	25	0.0283	0.9824	0.0395*n*	1.3104	−1.095	0.9822
	26	0.0300	0.9837	0.1546*n*	1.3099	−1.428	0.9850
	27	0.0318	0.9844	0.2454*n*	1.3092	−1.760	0.9877
	28	0.0337	0.9845	0.3204*n*	1.3084	−2.091	0.9904
	29	0.0355	0.9840	0.3842*n*	1.3075	−2.422	0.9932
	30	0.0372	0.9829	0.4397*n*	1.3064	−2.752	0.9959
	31	0.0387	0.9816	0.4887*n*	1.3052	−3.081	0.9986
	32	0.0400	0.9801	0.5327*n*	1.3038	−3.410	+1.0014

Déc. 1 $E = +0^s.001$. Déc. 31 $E = +0^s.001$.

Les tables des quantités Bessélienne A, B, C, D pour l'an 1921 sont calculées avec les constantes adoptées par la Conférence internationale des étoiles fondamentales, réunie à Paris au mois de mai 1896.

Les formules employées pour le calcul de A et B sont celles d'Oppolzer (Lehrbuch zur Bahnbestimmung....) corrigées par M. Newcomb pour les nouvelles constantes.

$$
\begin{aligned}
A = \tau &- 0.34215 \sin \Omega \\
&- 0.00031\, T \sin \Omega \\
&+ 0.00415 \sin 2\Omega \\
&- 0.00405 \sin 2\mathbb{C} \\
&+ 0.00135 \sin g_1 \\
&- 0.00068 \sin (2\mathbb{C} - \Omega) \\
&- 0.00052 \sin (2\mathbb{C} + g_1) \\
&+ 0.00030 \sin (2D - g_1) \\
&+ 0.00025 \sin (2L - \Omega) \\
&+ 0.00023 \sin (2\mathbb{C} - g_1) \\
&+ 0.00012 \sin 2D \\
&+ 0.00012 \sin (g_1 + \Omega) \\
&+ 0.00011 \sin (g_1 - \Omega) \\
&+ 0.00010 \sin (2\pi_1 - \Omega) \\
&- 0.00010 \sin (2D + 2\mathbb{C} - g_1) \\
&+ 0.00009 \sin (2L - 2\pi_1) \\
&- 0.00009 \sin (3\mathbb{C} - \pi_1 - \Omega) \\
&- 0.02526 \sin 2L \\
&+ 0.00251 \sin (L - \pi) \\
&+ 0.00042 \sin (L + \pi) \\
&- 0.00099 \sin (3L - \pi)
\end{aligned}
$$

$$
\begin{aligned}
B = &- 9''.210 \cos \Omega \\
&- 0.0009\, T \cos \Omega \\
&+ 0.090 \cos 2\Omega \\
&- 0.089 \cos 2\mathbb{C} \\
&- 0.018 \cos (2\mathbb{C} - \Omega) \\
&- 0.011 \cos (2\mathbb{C} + g_1) \\
&+ 0.007 \cos (2L - \Omega) \\
&+ 0.005 \cos (2\mathbb{C} - g_1) \\
&+ 0.003 \cos (g_1 + \Omega) \\
&- 0.003 \cos (g_1 - \Omega) \\
&+ 0.003 \cos (2\pi_1 - \Omega) \\
&- 0.002 \cos (2D + 2\mathbb{C} - g_1) \\
&- 0.002 \cos (3\mathbb{C} - \pi_1 - \Omega) \\
&- 0.551 \cos 2L \\
&- 0.022 \cos (3L - \pi) \\
&+ 0.009 \cos (L + \pi)
\end{aligned}
$$

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Les valeurs de C et D sont obtenues par les formules

$$C = -20''.47 \cos\odot \cos\varepsilon; \qquad D = -20''.47 \sin\odot.$$

Enfin on a calculé la petite quantité E par la formule

$$E = -0''.043 \sin\Omega + 0''.001 \sin 2\Omega - 0''.003 \sin 2L.$$

Pour l'époque considérée il désigne:

τ la fraction d'année écoulée depuis le moment où la longitude moyenne du soleil est de 280°.

Ω longitude du noeud ascendant
g_1 anomalie moyenne
$\mathbb{C}$ longitude moyenne
} de la Lune.

L longitude moyenne
π longitude du périgée
$\odot$ longitude vraie
} du Soleil.

ε obliquité de l'écliptique.

$D = \mathbb{C} - L$.

T le temps, compté à partir de 1900, exprimé en prenant le siècle comme unité.

D'après Newcomb on a:

	Préc. gén.	m''	m_s	n	log n
1921	50''.2610	46''.0909	3^s.07273	20''.0450	1.302006

	n_s	log n_s	ε (moyenne.)	log tg ε
1921	1^s.33633	0.125914	23°26′58''.42	9.637255

Tous les calculs ont été effectuées par M-elle Schilow.

A. Ivanoff.

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